

ABSTRACT

A gas insulation transformer, in the tank of which transformer an apparatus including an iron core and a coil is 5 received and a gas is filled as an insulating and cooling medium, is provided, wherein the iron core and coil are possessed with the loss characteristics equivalent to that of a high-efficient transformer and an inert gas, the global warming coefficient of which gas is rated 1 or below, is filled in the tank as an 10 insulating and cooling medium.